Amendments to the Claims:

Below is a current listing of the claims in the application:

Listing of Claims:

Claim 1 (previously presented) A printhead for producing ink drops that efficiently overlap one another, comprising:

a programmable scheme configured to create addressable pixel locations of the ink drops and to selectively instruct the printhead to fire the ink drops a particular dot size so that they cover a geometrical overlay grid with a pseudo hexagonal grid pattern on a predetermined subset of the addressable pixel locations.

Claims 2-12 (canceled)

Claim 13 (previously presented) A method for producing ink drops with an inkjet printhead that efficiently overlap one another, comprising:

creating addressable pixel locations of the ink drops;

selectively firing the ink drops a particular dot size so that they cover an overlay grid on a predetermined subset of the addressable pixel locations to produce a pseudo hexagonal grid pattern; and

creating ink dot misplacement configured to balance ink dot size to decrease ink and to decrease sensitivity to placement errors.

Claim 14 (canceled)

Claim 15 (original) The method of claim 13, further comprising shifting locations of the ink drops with a 2NxN ink drop placement control within NxN pixels.

Claim 16 (canceled)

Claim 17 (previously presented) An inkjet printhead for reducing sensitivity to ink dot placement errors, comprising:

a nozzle member fluidically coupled to an ink supply; and

a processor coupled to the nozzle member and being preprogrammed with a correction scheme configured to create addressable pixel locations of the ink drops and selectively instruct the nozzle member to fire the ink drops with a pseudo hexagonal grid pattern on a predetermined subset of the addressable pixel locations.

Claims 18-31 (canceled)

Claim 32 (previously presented) The printhead of claim 1, wherein the dot size covers NxN drops per square inch that are to be printed on a target print media.

Claim 33 (previously presented) The printhead of claim 1, further comprising a programmable firing scheme that instructs the printhead to fire ink drops with dot sizes that conform with an NxN grid for improving sensitivity to placement errors.

Claim 34 (previously presented) The method of claim 13, further comprising firing the ink drops on a printed media to create an image that is rasterized at an NxN resolution.

Claim 35 (previously presented) The method of claim 13, further comprising using a 2NxN ink drop placement controller configured to shift placement locations of the ink drops within NxN pixels.

Claim 36 (previously presented) The printhead of claim 17, further comprising at least one of a preprogrammed single pass printing mode and a preprogrammed multiple pass printing mode.

Claim 37 (previously presented) The printhead of claim 17, wherein the pseudo hexagonal grid pattern includes ink dots that vary in size.

Claim 38 (previously presented) The printhead of claim 17, further comprising a preprogrammed ink drop ordering scheme configured to eliminate random clustering of ink drops by ordering the ink droplets in a pattern to decrease banding and create consistent color hues on the print media

Claim 39 (previously presented) The printhead of claim 38, wherein the preprogrammed ink drop ordering scheme is further configured to perform at least one of doubling nozzle density with constant drop size and doubling columns per inch ink dots of close pack ink patterns of the pseudo hexagonal grid pattern.

Claim 40 (previously presented) The printhead of claim 39, further comprising a preprogrammed firing scheme configured to double columns per inch of the ink drops of the close pack ink patterns.